

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Michael R. Krause et al.

Confirmation No.: 4254

Application No.: 09/980,761

Examiner: Unassigned

Filing Date: Nov. 26, 2001

Group Art Unit:

Title: RELIABLE MULTI-UNICAST

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FEB 11 2004

Technology Center 2100

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- () Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
() No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")
(X) Other: SIDS; Form PTO-1449; (24) cited references (fee \$)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$18	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$86	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

Date of Deposit: Feb. 5, 2004

Typed Name: Patrick G. Billig

Signature: 

Respectfully submitted,

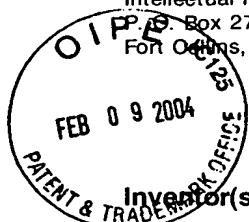
Michael R. Krause et al.

By: 

Patrick G. Billig

Attorney/Agent for Applicant(s)
Reg. No. 38,080

Date: Feb. 5, 2004



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Group A and B

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INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97 (c) together with either a:
 - ☐ Statement under 37 CFR 1.97(e), or
 - ☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
 - ☐ Statement under 37 CFR 1.97(e)(1) or (2), and
 - ☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

☒ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: Feb. 5, 2004

OR

☐ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number _____ on _____ Number of pages: _____

Typed Name: Patrick G. Billig

Signature: 

Respectfully submitted,

Michael R. Krause et al.

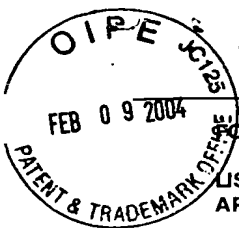
By 

Patrick G. Billig

Attorney/Agent for Applicant(s)
Reg. No. **38,080**

Date: **Feb. 5, 2004**

Telephone No.: **(612) 573-2003**



PATENT APPLICATION

Sheet 1 of 2

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10003628-2

APPLICATION NO.

09/980,761

CONFIRMATION NO.

4254

APPLICANT

Michael R. Krause et al.

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FILING DATE

April 26, 2002

GROUP

FEB 11 2004

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Technology Center 2100

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	4,713,806	12/1987	Oberlander et al.	
	1B	5,297,143	3/1994	Fridrich et al.	
	1C	5,506,964	4/1996	Beukema	
	1D	5,535,341	7/1996	Shah et al.	
	1E	5,553,083	9/1996	Miller	
	1F	5,781,910	7/1998	Gostanian et al.	
	1G	5,790,544	8/1998	Aho et al.	
	1H	5,799,146	8/1998	Badovinatz et al.	
	1I	5,802,295	9/1998	Fukui et al.	
	1J	5,926,101	7/1999	Dasgupta	
	1K	5,968,176	10/1999	Nessett et al.	

FOREIGN PATENT DOCUMENTS

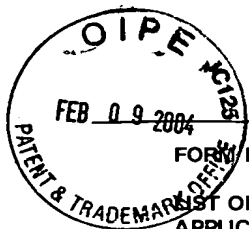
		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	IBM Corp. "Direct Memory Access Tag Architecture," IBM Technical Disclosure Bulletin, Vol. 32, No. 4B, pp. 143-151 (September 1989).
	1R	A copy of the PCT International Search Report mailed August 21, 2000, for International Application No. PCT/US00/14250 (6 pages).
	1S	

EXAMINER

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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A	5,987,506	11/1999	Carter et al.	
	2B	6,026,448	2/2000	Goldrian et al.	
	2C	6,047,323	4/2000	Krause	
	2D	6,064,672	5/2000	Van Loo et al.	
	2E	6,094,437	7/2000	Loehndorf, Jr. et al	
	2F	6,151,696	11/2000	Miller et al.	
	2G	6,192,417	2/2001	Block et al.	
	2H	6,256,740	7/2001	Muller et al.	
	2I	6,279,084	8/2001	VanDoren et al.	
	2J	6,335,933	1/2002	Mallory	
	2K	6,392,993	5/2002	Hamilton et al.	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	2L					
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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